

523,057

10/523057

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 April 2004 (01.04.2004)

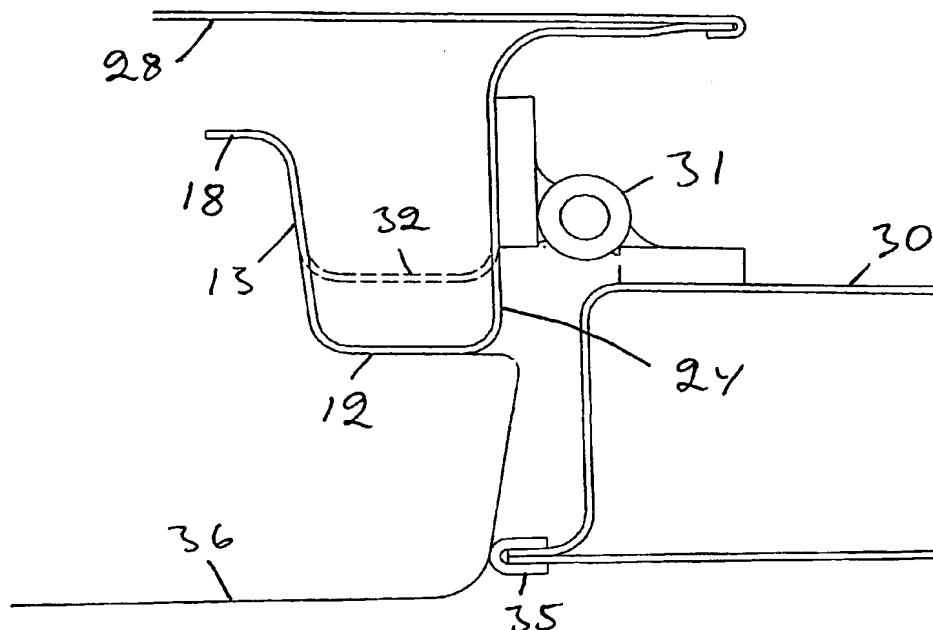
PCT

(10) International Publication Number
WO 2004/026604 A1

- (51) International Patent Classification⁷: **B60J 5/04** (74) Agent: ASLUND, Roland; SSAB Hardtech AB, S-971 88 Luleå (SE).
- (21) International Application Number: PCT/SE2003/001259
- (22) International Filing Date: 7 August 2003 (07.08.2003)
- (25) Filing Language: Swedish
- (26) Publication Language: English
- (30) Priority Data:
0202382-8 8 August 2002 (08.08.2002) SE
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report

[Continued on next page]

(54) Title: A VEHICLE



(57) Abstract: A vehicle door has a supporting press formed frame (10) of high-strength steel that has two standing hat beams (13, 15) interconnected by an upper horizontal hat beam (14), a lower horizontal hat beam (16) and an intermediate side impact guard beam (22). The hat beams have their crowns (12) directed towards the interior of the vehicle and they carry an outer panel (28) by their outer side flanges (17). The standing hat beams (13, 15) have a profile height on at least a portion (23, 24, 28) of their length that overlaps the corresponding pillar (30, 34). Thereby, in a frontal crash, the frame of the door can transmit force from the A-pillar of the vehicle to the B-pillar.

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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/01259

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B60J 5/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B60J, B62D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SE 518503 C2 (SSAB HARDTECH AB), 10 August 2002 (10.08.02) -----	1-8

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

16 October 2003

Date of mailing of the international search report

21-10-2003

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Swedish Patent Office

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Information on patent family members

International application No.

PCT/SE 03/01259

Form PCT/ISA/210 (patent family annex) (July 1998)